

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLICATION NO. 09/298,910
ATTORNEY DOCKET NO. Q54131

REMARKS

Applicant thanks the Examiner for indicating again that the drawings filed on August 2, 2001 are accepted.

Applicant thanks the Examiner for acknowledging the claim of priority under 35 U.S.C. § 119 and for acknowledging receipt of the certified copy of the priority document.

New claims 16 and 17 are added. Thus, claims 10, 12, 14, 16 and 17 are all the claims pending in the application.

The Examiner rejected claim 10 under 37 C.F.R. § 102(e) as being anticipated by Menon et al. (US 6,208,627) (hereinafter "Menon"). Applicant traverses this rejection.

Claim 10 recites, "means for transmitting the dialing signals each time they are produced. . . ." Thus, in the present invention, each time a key of the dial pad is pushed, the signal thereby generated is transmitted from a base station to a base station control station or from the base station control station to an exchange. *See* Application page 2, line 26 to page 3, line 2.

In contradistinction, Menon discloses a base station 109 that, "stores the digits and analyzes them" in the described manner. *See* col. 26, lines 5-7. Thus, Menon does not describe a base station that transmits each dialing signal as it is generated, as claimed in claim 10. Rather, Menon describes a base station 109 that "stores" those signals. In this manner, Menon is representative of the prior art discussed in the Application and depicted in Fig. 1 of the Application. All of the dialing signals generated by the device described in Menon are transmitted together. A comparison with Figs. 3 and 4 of the present Application, as described in the accompanying description, makes clear that the present invention has the considerable

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advantage of reducing a time delay present in the prior art, as typified by Menon. The invention as claimed is clearly different from the invention described in Menon.

For at least the foregoing reasons, Applicant respectfully requests that the rejection of claim 10 under 37 C.F.R. § 102(e) as being anticipated by Menon be withdrawn.

The Examiner rejected claims 12 and 14 under 35 U.S.C. § 103(a) as being unpatentable over Menon in view of Suonvieri (US 6,047,181) (hereinafter "Suonvieri"). Applicant traverses this rejection.

Claims 12 and 14 recite, "means for transmitting the dialing signals each time they are produced. . . ." Thus, in the present invention, each time a key of the dial pad is pushed, the signal thereby generated is transmitted from a base station to a base station control station or from the base station control station to an exchange. *See* Application page 2, line 26 to page 3, line 2.

In contradistinction, Menon discloses a base station 109 that, "stores the digits and analyzes them" in the described manner. *See* col. 26, lines 5-7. Thus, Menon neither teaches nor suggests a base station that transmits each dialing signal as it is generated, as claimed in claim 10. Rather, Menon teaches away from the claimed invention in that Menon describes a base station 109 that "stores" dialing signals.

In this manner, Menon is representative of the prior art discussed in the Application and depicted in Fig. 1 of the Application. All of the dialing signals generated by the device described in Menon are transmitted together. A comparison with Figs. 3 and 4 of the present Application, as described in the accompanying description, makes clear that the present invention has the

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considerable advantage of reducing a time delay present in the prior art, as typified by Menon.

The invention as claimed is clearly different from the invention described in Menon.

Suonvieri fails to overcome this deficiency in Menon. The Examiner correctly concedes that Menon fails to disclose digit analysis in the base station. In order to overcome this deficiency in Menon, the Examiner relies on Suonvieri. Claims 12 and 14 are amended to remove the limitation regarding digit analysis in the base station. Therefore, the argument Applicant would have otherwise presented in traversal of the Examiner's reliance on Suonvieri is moot.

For at least the foregoing reasons, Applicant respectfully requests that the rejection of claims 12 and 14 under 35 U.S.C. § 103(a) as being unpatentable over Menon in view of Suonvieri be withdrawn.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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PATENT TRADEMARK OFFICE

Date: December 17, 2002

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Claims 10, 12, and 14 are amended as follows:

10. (Twice Amended) A radio access system comprising:

means for producing dialing signals;

means for transmitting the dialing signals each time they are produced; and

a base station in radio communication with said means for producing dialing signals, said base station including means for deciding whether a dialing signal represents a final digit of a dialed telephone number or not, wherein

said means for producing dialing signals includes a telephone set having a dial pad with keys, a dialing signal being generated when a key of said dial pad is pushed[; and

said means for deciding comprises an inter-digit timer and a means for determining that a dialing signal has not been received for a predetermined period of time].

12. (Twice Amended) A radio access system comprising:

means for producing dialing signals;

means for transmitting the dialing signals each time they are produced; and

a base station control station in radio communication with said means for producing dialing signals, said base station control station including means for deciding whether a dialing signal represents a final digit of a dialed telephone number or not, wherein

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said means for producing dialing signals includes a telephone set having a dial pad with keys, a dialing signal being generated when a key of said dial pad is pushed[; and

said means for deciding comprises an inter-digit timer and a means for determining that a dialing signal has not been received for a predetermined period of time].

14. (Twice Amended) A radio access system comprising:

means for producing dialing signals;

means for transmitting the dialing signals each time they are produced;

a base station in radio communication with said means for producing dialing signals; and

a base station control station in radio communication with said means for producing dialing signals through said base station, said base station control station including means for deciding whether a dialing signal represents a final digit of a dialed telephone number or not, wherein

said means for producing dialing signals includes a telephone set having a dial pad with keys, a dialing signal being generated when a key of said dial pad is pushed[; and

said means for deciding comprise an inter-digit timer and a means for determining that a dialing signal has not been received for a predetermined period of time].

Claims 16 and 17 are added as new claims.